

Re: Wireless bridge setup

Source: <http://unix.derkeiler.com/Newsgroups/comp.unix.solaris/2004-02/2519.html>

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Date: 02/26/04

Date: Thu, 26 Feb 2004 16:30:42 GMT

Hi,

damon green wrote:

- > *Basically everything worked, but with very poor throughput. I have a D-Link*
- > *Wireless ADSL Router, model DSL604+, it's an all in one box and includes a*
- > *built in ADSL modem.*

Well you'll be happy to know that I too struggled with setting a similar setup for my server (a e4500 and e250 in the basement). Due to many reasons I cannot pull a wire down there. My setup differs a bit from you as:

Cable Modem -> <LinkSys Hardware router> -> <Microsoft MN-700 802.11/g router> -> Netgear WGE101 802.11/g Wireless Ethernet Bridge -> Linksys 10/100 Switch -> Servers connected to the switch.

As you can see mine is 802.11/g. Until yesterday, I was using a 802.11/b Linksys WET11 and the connection was horrendous (around 5.5 Mbs on average). However, the WET11 is a MUUUUUCH better product than d-link 810+ wireless Ethernet bridge. Anyone who uses this should immediately return it (It can't support an upload to a switch, bad signal and horrible interface). As a side note, D-Link quality is horrible and you should stay away from them.

Upgrading the firmware on the WET11 helped but not too much. Anyways, I got a brand shiny new Netgear WGE101 wireless Ethernet bridge yesterday. To accommodate on speed I had turned WEP off. However I couldn't get the WGE101 to work and connect to the MN-700. Believe it or not, it's very frustrating dealing with tech support who are utter morons. Anyways, I tried something different: I enabled 128 WEP on both routers and viola it started working!!! (4 hours of debugging on just to get this working)

Now the WGE101 is setup to do 802.11/g exclusively and I have a "much better throughput of around 15-20 Mbs on average". However, unlike your setup I've not had to much around with the system's auto negotiating settings. The WGE101 is connected to the switch at 100 MB/s (Auto) and works great.

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Note: Anyone using Linksys routers out there, do not upgrade to the latest firmware (1.45.7). It's completely broken and you'll break support for ssh etc. on your machines. Stick with 1.44.2z which is the best release so far.

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